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FIELD SERVICE AND SUPPORT

PROGRESS REPORT NO. 11

1 THROUGH 31 DECEMBER 1959

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(This document contains a total of 8 sheets, including  
this Title Page, Abstract, and Table of Contents.)

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ABSTRACT

This report describes the Field Service and Support activities for Customers A, C, and D for the period 1 through 31 December 1959. The activities covered in this report are divided into four main categories: Contract A-101, Contract A-102, 25X1A Contract [REDACTED] and Contract HF-CT-699.

Each main category describes the work that was accomplished during the reporting period.

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~~SECRET~~I. CONTRACT A-101

During the reporting period action was taken to terminate Contract A-101 in accordance with contractual agreements. This contract was terminated on 31 December 1959.

II. CONTRACT A-102

## A. CUSTOMER A ACTIVITY

## 1. Sustaining Engineering

Three Field Service Bulletins were completed during the reporting period. Four other Field Service Bulletins were in progress, but not completed, during this period. A tabulation and brief description of all Field Service Bulletins is provided in Attachment 1.

The three bulletins completed (Items 6, 7, and 8 of Attachment 1) were prepared in compliance with the Customer's request for modification of Systems 1, 3, and 6. This modification consists of replacing the present power transformers with redesigned transformers that are capable of operating on 315-440 cps primary power. Due to the priority of this modification, the Contractor has expedited delivery of the modification kits prior to completion of environmental tests. One of each modification kit was retained for the environmental tests that are scheduled for completion during January 1960.

During the reporting period Field Reports were analyzed to provide up-to-date maintenance and alignment procedures for Customer and Contractor personnel. One Technical Information

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Bulletin was published during the report period as a result of these analyses.

Training aid diagrams and a suggested course outline for the Data Reduction System which were prepared for Customer C, (See paragraph B.1 of this report) will also be distributed in January 1960 to Customer A Headquarters, Customer A Depot, Detachment B, and Detachment C. Additional copies are available upon request.

The Contractor was notified of the high failure rate of the System 6 Timing Unit, MP-12325, and was requested to investigate this problem. The results of this investigation indicate that replacement of the d-c motor with an a-c motor will improve the Timing Unit operation. Two units will be modified in this manner and delivered to Customer locations, Detachments B and C for evaluation tests as requested by Headquarters.

## 2. Repair and Retrofit

The Repair and Retrofit Inventory for December is shown in Attachment 2.

## B. CUSTOMER C ACTIVITY

### 1. Sustaining Engineering

Field Service Bulletin M-2 (Item 3, Attachment 1) for Customer C was in preparation, but not completed, during the month. Field Service Bulletin 4-19 (Item 5, Attachment 1) originated from Customer approval of Engineering Change Proposal RW-5AC.

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25X1D

In December [REDACTED] for use with System 1 was returned from the Depot for an investigation of the apparent

25X1D

corrosion and blistering of the [REDACTED] as referenced in UR-58-1413. The investigation was initiated

25X1D

upon receipt of [REDACTED] A reply to this UR was originally made on 13 January 1959; however, additional information has since been requested.

Training aid diagrams and a suggested course outline for the Data Reduction System were completed during the report period. The distribution of this package will be made in January 1960. Additional copies are available upon request.

## 2. Repair and Retrofit

The Repair and Retrofit Inventory for December is shown in Attachment 2.

## C. CUSTOMER D, SUSTAINING ENGINEERING

Routine analyses of Field Reports were continued during the report period.

## III. CONTRACT

25X1A

25X1A

## IV. CONTRACT HF-CT-699

During this reporting period the Contractor received three Production Lists containing ten line items from Customer A, and three Production Lists containing three line items from Customer C.

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## Attachment No. 1

## Field Service Bulletin Activity During December 1959

ITEM	CUSTOMER	FSB NO.	SYSTEM	UNIT	DESCRIPTION	FSB STATUS	MOD KIT STATUS
1	A	S603-2A	6	S603 Dual Channel Amplifier	Traveling Wave Tube Filament Voltage Correction	In Progress	N/A
2	A	6-15	6	Timing Unit, MP-12325	Timer Replacement and Associated Wiring Changes for System 6 Timing Unit	In Progress	On Order
3	A and C	M-2	System 4 Data Red. Equipment	Display Unit MP-12363	Addition of Vernier Dials Auxiliary Data Display Equipment (M Rack)	In Progress	Awaiting Approval of ECP
4	A	S603-4	6	S603 Dual Channel Amplifier	Power Supply and Tangential Sensitivity Adjustments for the S603 Dual Channel Amplifiers (Conf.)	In Progress	N/A
5	C	4-19	4	SLOE Equipment	Additional Test Equipment and New Test Procedure for System 4 Crystal Video Receiver	In Progress	On Order
6	A	3-17	3	Receiver MP-11048	Replacement of Power Supply Transformer	Delivered	Partial Delivery
7	A	S603-3	6	S603 Dual Channel Amplifier	Replacement of Power Supply Transformer	Delivered	Partial Delivery
8	A	6-14	6	[REDACTED] Preamplifier Power Supply MP-12434	Replacement of Power Supply Transformer	Delivered	Partial Delivery

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Attachment 2

Repair and Retrofit Inventory for December 1959

Customer	Rework Units Outstanding on 1 Dec. 1959	During December		Rework Units Backlog on 31 Dec. 1959
		Units Rec'd	Units Shipped	
A	119	20	25	114 25X1A
C*	21	20	6	34

\* One unit declared nonreparable.

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